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Group	Number of Mice	Dosage	Survivors (days)	Increased Life Span (ILS)
I	10	0.002 ml fetuin	1 (31)	29%
II	10	0.02 ml fetuin	1 (29)	17.2 %
III	10	0.2 ml fetuin	8 (58)	141 %
IV	10	0.5 ml saline	0 (24)	---

Fig. 1

Type of Fetuin	Amount Required to Reach LD_{50}
Fetuin + Zn	130 μM
Supercharged Zinc Fetuin	14.3 μM

Fig. 2

Type of Fetuin	Amount Required to Reach LD_{50}
Fetuin + Zn	60 μM
Supercharged Zinc Fetuin	19.6 μM

Fig. 3

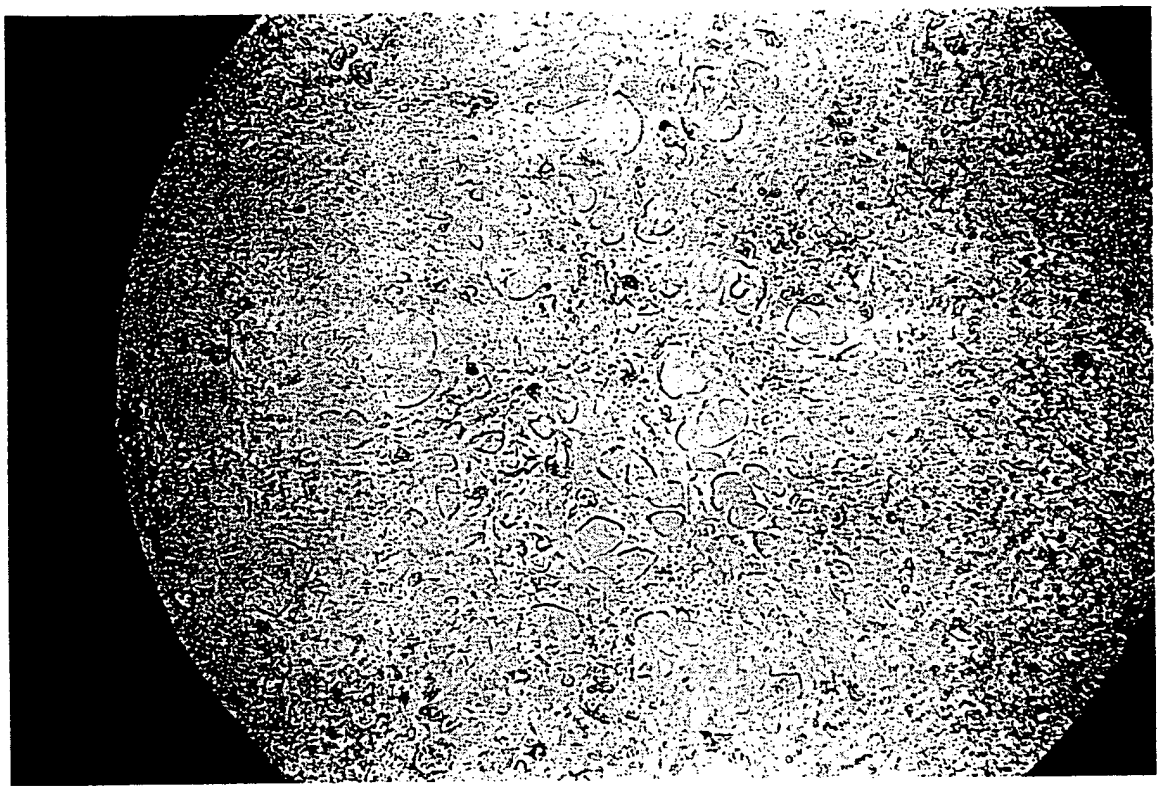


FIG. 4

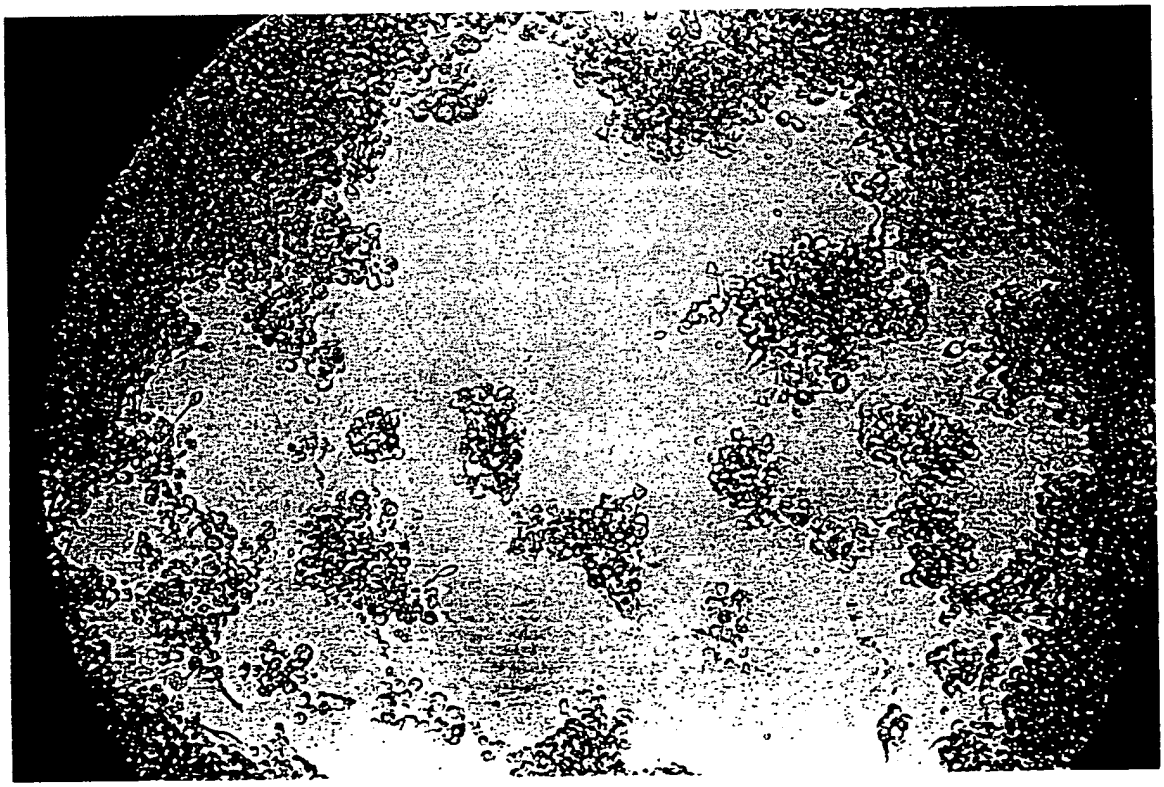


FIG. 5

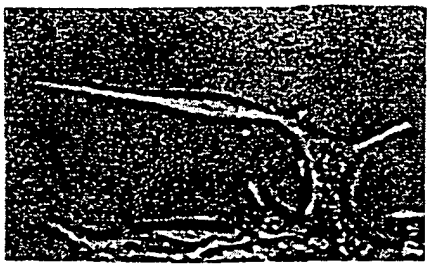


FIG. 6

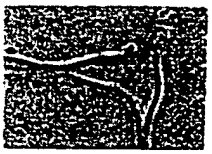


FIG. 9

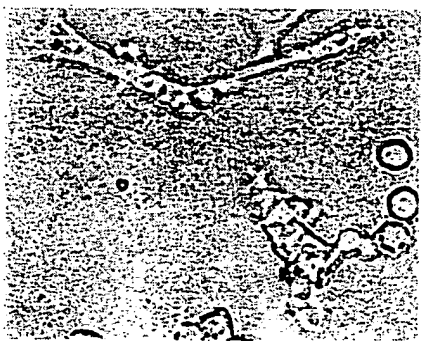


FIG. 7

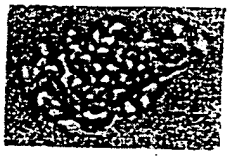


FIG. 10

FIG. 8

Experiment	Sample	Apoptosis (%)
1	Filtrate (10 µl)	92%
	Filtrate (10 µl) + proteinase K	50%
2	Filtrate (5 µl)	35%
	Filtrate (5 µl) + proteinase K	0%
3	Filtrate (10 µl)	75%
	Filtrate (10 µl) + proteinase K	0%

FIG. 13

Fetuin	LD_{50}
Zinc Charged Fetuin (full length)	LD_{50} = 3-10 µM
Fetuin Fragment (amino acid no. 300-309)	LD_{50} = 0.3-0.4 µM
Fetuin Fragment (amino acid no. 300-307)	LD_{50} >> 1 mM
Fetuin Fragment (amino acid no. 310-317)	LD_{50} >> 1 mM

FIG. 11

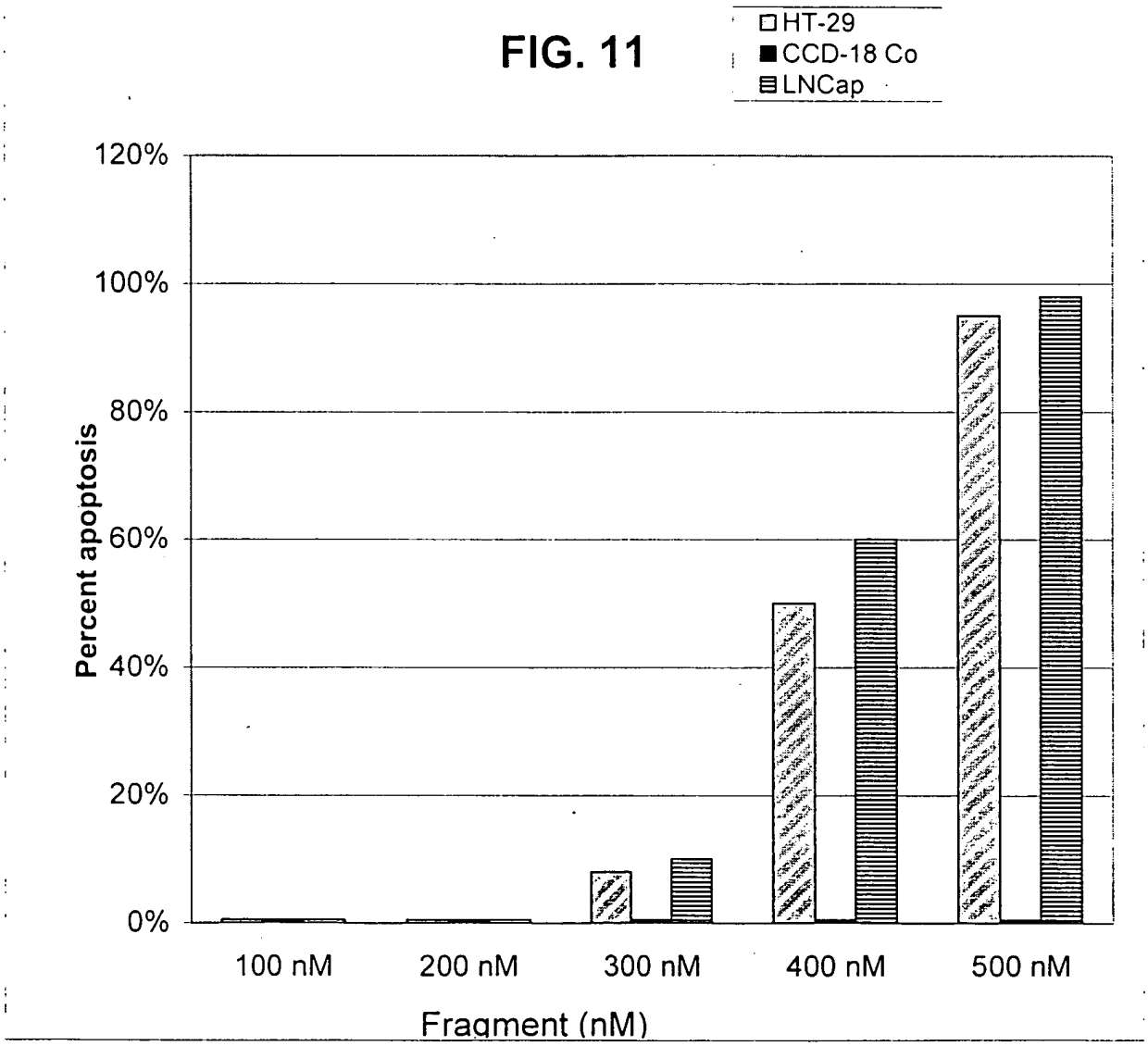
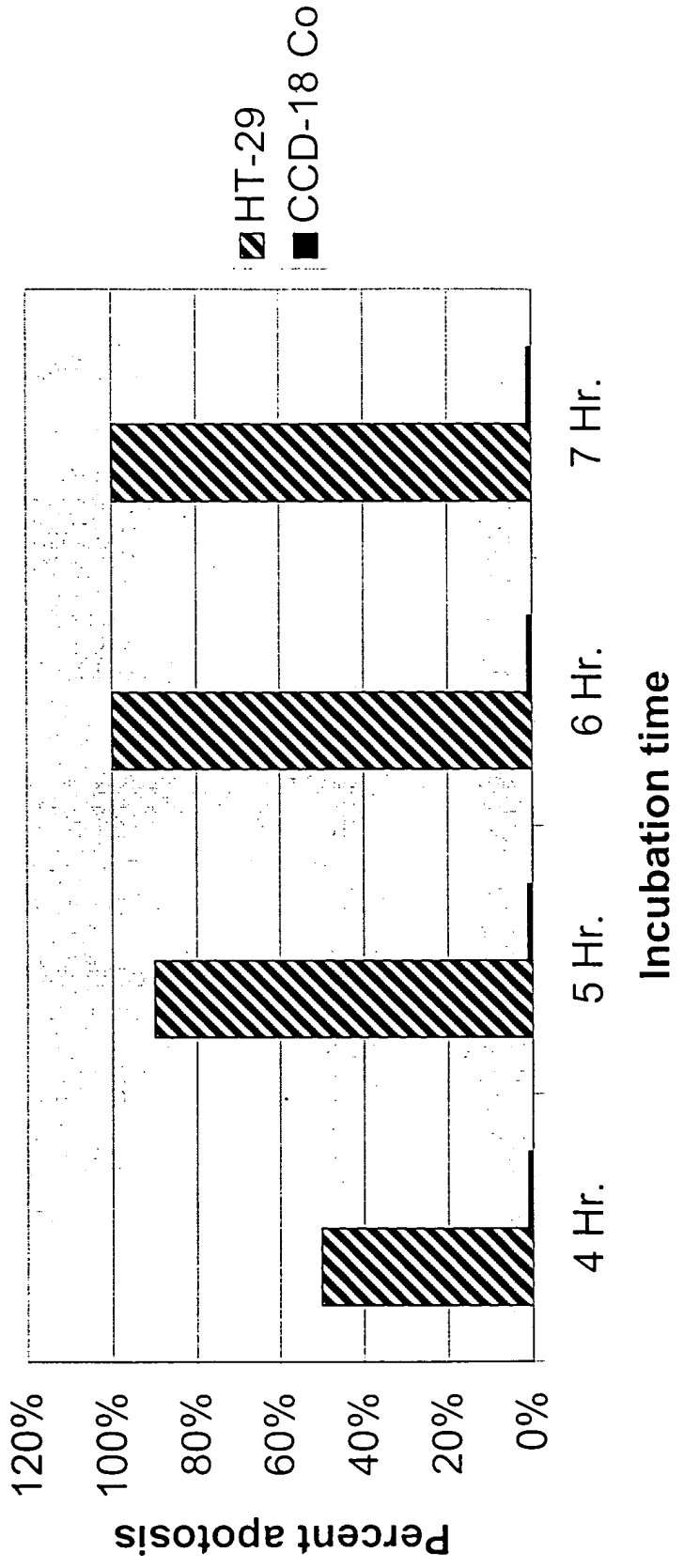

HT-29
CCD-18 Co
LNCap
120%
100%
80%
60%
40%
20%
0%
Percent apoptosis
100 nM
200 nM
300 nM
400 nM
500 nM
Fragment (nM)

FIG. 12


HT-29
CCD-18 Co
Percent apotosis
120%
100%
80%
60%
40%
20%
0%
4 Hr.
5 Hr.
6 Hr.
7 Hr.
Incubation time